



1Q '93

POCKET PRINTER BUFFER EB-120

User's Manual

Packing Checklist

- A Pocket Printer Buffer, EB-120.
- A power adapter DC 9V, 100mA (minimum).
- A Pocket Printer Buffer, EB-120 User's Manual.

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Introduction

Parallel buffer EB-120 is ideal for buffering data from PC to Centronics printer. Its 256K/1M Bytes memory and 40K Bytes/sec high throughput enable PC send file at its top speed then release from the print job quickly. Files are efficiently and automatically compressed to 20% to 80% of its original size. Simply connect EB-120 do the time consuming print job.

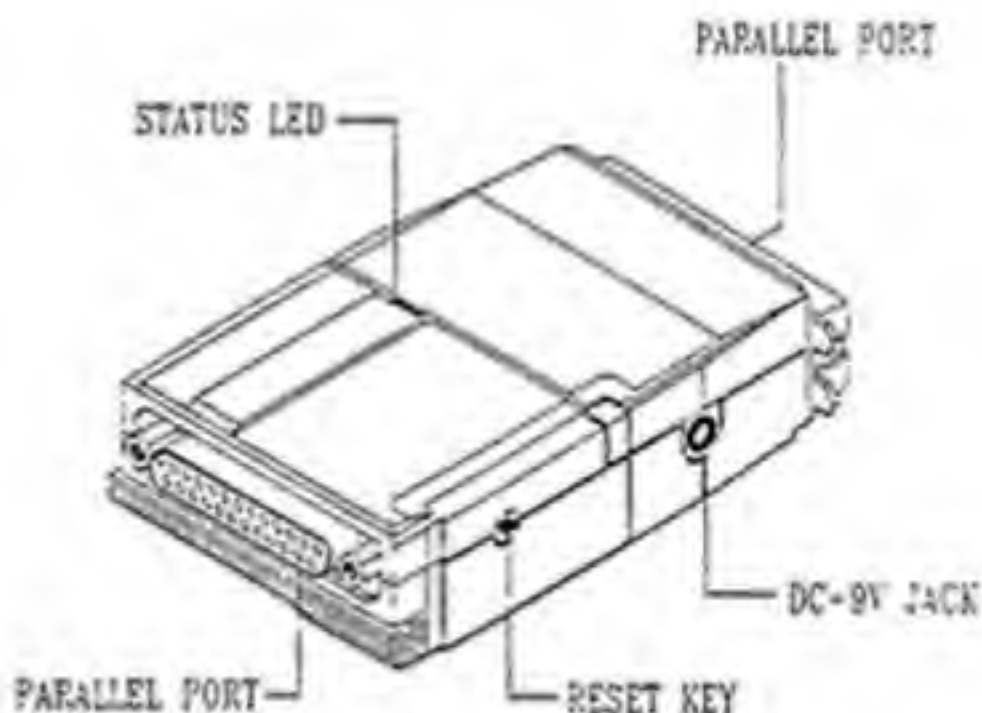


Figure 1-1 The EB-120 's External View

Installation

Installation Procedures

STEP 1: Connect EB-120's C-36 connector to printer.

STEP 2: Connect EB-120's 25-pin connector to PC's LPT port by one 25-to-25 male-to-male cable.

STEP 3: Set the printer ready.

STEP 4: Set the PC ready.

STEP 5: Plug DC 9V power adapter to EB-120's power jack.

STEP 6: EB-120's LED flashes for self-test after powered on.

STEP 7: When the LED stays on, EB-120 is ready for use.

Interconnected Condition

The application cable between PC and EB-120 should be a male to male, 25-pin to 25-pin cable. We suggest you to config the connection among PC, EB-120 and printer with only one cable. EB-120 can be plugged into printer's port directly without cable.

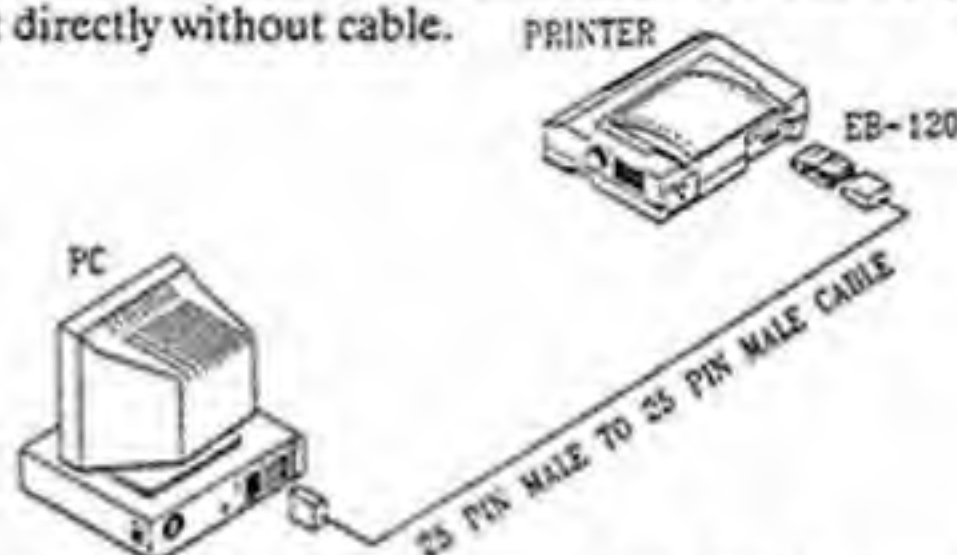


Figure 1-2 A Parallel to Parallel Interface Connection

EB-120 Specifications

FUNCTION		SPECIFICATION
Power Consumption		DC 9V, 100mA (maximum) *
Cable Distance		Up to 33 Feet (10m)
Connector	IN	DB-25 Female
	OUT	Centronics 36-pin, Male
Memory Size		256K/1M Bytes
Status Indication		1
Data Compression		Auto
Function key		Reset key
Buffer Speed		20K - 40K Bytes/sec.
Weight		105g
Dimensions		101 x 62 x 25.5mm

- * EB-120 may work perfectly without power adapter on certain printers. Please check printer's User's Manual and see if pin #18 provides power.

LED Status Indication

On power up, EB-120 performs 4-second memory self-test. It goes to normal mode and waits for data if it passes. If it doesn't, EB-120 repeats self-test till it passes.

LED flashes for the followings:

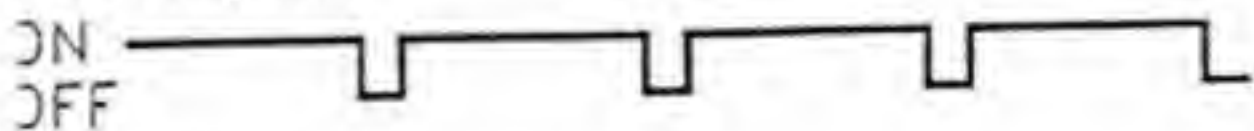
1. Memory self-test:

flashes 1 second, off 1 second and repeats

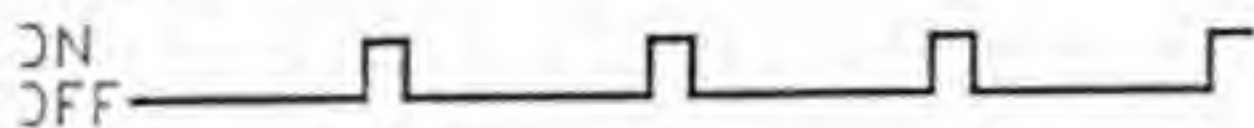
2. Normal mode; waits for data:



3. Buffering data:



4. Buffer is full:



5. Error encounters:



Troubleshooting

Defective Status	Possible Cause of Trouble	Corrective
Status LED indicator does not come on.	<ol style="list-style-type: none">1. No power.2. Improper PC reset or printer reset.	<ol style="list-style-type: none">1. The DC adapter is fully operational.2. Reset the EB-120.
Printer can't print words	<ol style="list-style-type: none">1. Connectors are not properly plugged-in.2. The PC, printer, EB-120 has not been set ready for DATA print.	<ol style="list-style-type: none">1. Make sure the connectors are properly plugged-in.2. Reset the PRINTER, EB-120 and check PC parallel port.
Data printed is not correct.	<ol style="list-style-type: none">1. Connectors are not properly plugged-in.2. EB-120 buffer have no correct DATA.3. PC sends one erroneous byte on reset.	<ol style="list-style-type: none">1. Make sure the connectors are properly plugged-in.2. Reset the EB-120.

If failure of printing is still exists upon aforesaid solutions, please contact your dealer for help.